

specifically binds to] having at least 50% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO. 1, SEQUENCE ID NO. 2, SEQUENCE ID NO. 3, SEQUENCE ID NO. 4, SEQUENCE ID NO. 5, [sequence 819141,] and complements thereof.

11. (Twice amended) A purified polynucleotide comprising a polynucleotide sequence that [specifically binds to] has at least 50% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO. 1, SEQUENCE ID NO. 2, SEQUENCE ID NO. 3, SEQUENCE ID NO. 4, SEQUENCE ID NO. 5, [sequence 819141,] and complements thereof.

15. (Twice amended) A recombinant expression system comprising a nucleic acid sequence operably linked to a control sequence compatible with a desired host, wherein said nucleic acid sequence has at least 50% identity with a polynucleotide selected from the group consisting of SEQUENCE ID NO. 1, SEQUENCE ID NO. 2, SEQUENCE ID NO. 3, SEQUENCE ID NO. 4, SEQUENCE ID NO. 5, [sequence 819141,] and complements thereof [encodes a polypeptide, wherein said polypeptide comprises an amino acid sequence having at least 90% identity to an amino acid sequence selected from the group consisting of SEQUENCE ID NO 17, SEQUENCE ID NO 18, SEQUENCE ID NO 19, SEQUENCE ID NO 20, and amino acid sequences comprising at least about 10 contiguous amino acids derived from any of these sequences].

25. (Twice amended) A method for producing a polypeptide comprising at least one epitope, said method comprising incubating host cells under conditions sufficient to produce a polypeptide, wherein said host cells [that] have been transfected with an expression vector containing a polynucleotide sequence encoding a polypeptide, wherein said polypeptide comprises an amino acid sequence having at least 90% identity to an amino acid sequence selected from the group consisting of SEQUENCE ID NO 17, SEQUENCE ID NO 18, SEQUENCE ID NO 19, SEQUENCE ID NO 20, and amino acid sequences comprising at least about 10 contiguous amino acids derived from any of these sequences].

30. (Twice amended) A cell transfected with a nucleic acid sequence encoding at least one epitope, wherein said nucleic acid sequence is selected from the group